

Title (en)
DEFOAMER FOR WATER DISPERSIONS AND SYNTHETIC RESIN SOLUTIONS

Publication
EP 0147726 A3 19850807 (DE)

Application
EP 84115267 A 19841212

Priority
DE 3400014 A 19840102

Abstract (en)
[origin: US4655960A] The formation of troublesome microfoams in aqueous lacquer and synthetic resin dispersions, particularly in gloss lacquers, is prevented by the addition of from about 0.01 to about 1.5% by weight of a silicone-free foam inhibitor mixture. This mixture consists of (a) from about 70 to about 98% by weight of a mineral oil liquid at room temperature or a mixture of such mineral oil with a C16-C30 branched alcohol of the following formula R1-CH2-CH2-CHR2-CH2-CH2-CH2OH(I) in which R1 and R2 are C4-C16 alkyl radicals, (b) from about 0.2 to about 5% by weight of a microcrystalline wax, (c) from about 0.5 to about 20% by weight of hard paraffin, (d) from 0.05 to 5% by weight of hydrophobized finely divided silica, and (e) from 0 to about 10% by weight of a soft paraffin (M.p. 32 DEG -42 DEG C.). Component (a) preferably consists of a mixture of mineral oil and branched alcohol (I) in a ratio of from 50:1 to 1:1.

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B01D 19/04

IPC 8 full level
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CPC (source: EP US)
B01D 19/04 (2013.01 - EP US); **B01D 19/0404** (2013.01 - EP US); **C09D 7/00** (2013.01 - EP US)

Citation (search report)
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